



ATLANTIC SUPER TOP FLEET

Multigrade Heavy Duty Diesel Engine Oils

PRODUCT DATA

DESCRIPTION

Atlantic Super Top Fleet Diesel Engine Oil series are conventional multi-grade Heavy Duty Diesel Engine Oils formulated to provide excellent performance in heavy duty fleets, marine and industrial applications. The advanced product technology offers a medium extended drain formulation that helps maximize engine durability.

APPLICATIONS

Atlantic Super Top Fleet Diesel Engine Oil series is recommended for use in all naturally aspirated and turbo-charged diesel engines fitted in trucks, tractors, buses, goods carriers (LCVs), 3-wheelers and gensets, on-highway light and heavy-duty trucking, off-highway industries including: construction, mining, quarrying, and agriculture & mixed fleet applications.

PROPERTIES

Atlantic Super Top Fleet Diesel Engine Oil series provide exclusive combinations of the latest high performance additives ensuring that the oil adapts and protects under the full range of pressures & temperatures found in modern engines - from the high temperature in the pistons, to the extreme loads found in the valve-trains. Extra active additives control & sweep away harmful soot & particles found in high performance engines.

PERFORMANCE FEATURES AND BENEFITS

- High thermal and oxidation stability
- Deposit control and acid neutralization
- Start-up wear protection
- Cleaner engines and longer component life
- Improved soot handling
- TBN reserves
- Advanced detergency/dispersancy
- Improved viscosity control and used oil pumpability
- Excellent low temperature properties
- Exceptional high temperature protection for hot running engines under heavy load
- Component compatibility
- Longer gasket and seal life
- Stay-in-grade shear stability
- Wear protection and viscosity control

RECOMMENDATIONS / SPECIFICATIONS

INTERNATIONAL STANDARDS : API CJ-4/CI-4, CH-4, CG-4, /CF-4,CF ACEA -A3/B4-10, E7-10, E2,E3,E4,E5,E6, E9, Global-DHD-1, JASO-DH-1

OEM APPROVALS : MB-228.3 , DEUTZ -DQC-III-10, Renault VI RLD-2, Volvo VDS-3, Mack EO-N, Mack OE-M+, MAN-M-3275-1 (MULTI GRADE)-TUC 0028/15, Detroit Diesel 93K215 (SAE 15W-40)

MEETS OR EXCEEDS : MTU Type 2, CUMMINS CES 20078,77,76,75,72,71, CAT ECF-2, ECF-1-a, ZF TE-ML 07C, MIL-PRF-2104H/NATO O-1236, MB 229.1, Allison C4

Meets quality requirements of most diesel engine manufacturers in the USA, Europe, Japan and Korea

TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	10W-30	10W-40	15W-30	15W-40	20W-50	20W-60
Product code	0423533HT	0423534HT	0423535HT	0423536HT	0423537HT	0423538HT
Density at 15°C, g/ml, ASTM D4052	0.867	0.874	0.875	0.875	0.889	0.893
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6200@-25°C	6250@-25°C	6250@-20°C	6026@-20°C	8050@-15°C	8210@-15°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	77.55	91.2	89	104.65	147.3	229
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.8	14.5	12.1	14.36	17.5	24.2
Viscosity Index, ASTM D2270	145	152	129	140	130	132
Flash Point(COC), °C, ASTM D92	220	220	222	220	230	240
Pour Point, °C, ASTM D97	-33	-33	-30	-30	-27	-24
Total Base Number, mg KOH/g, ASTM D2896	10.5	10.5	10.5	10.5	10.5	10.5
Sulphated Ash, %wt, ASTM D874, max	1.21	1.21	1.21	1.21	1.21	1.21

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 700|800ml,1|2|3|4|5|6.5|7|8|16|18|20|25|200|205|208|210L,1|5|20|55 USQ

ATL/PDS/AL/010/0*, 10.08.15, Page 1/1
*supersedes all previous versions

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.